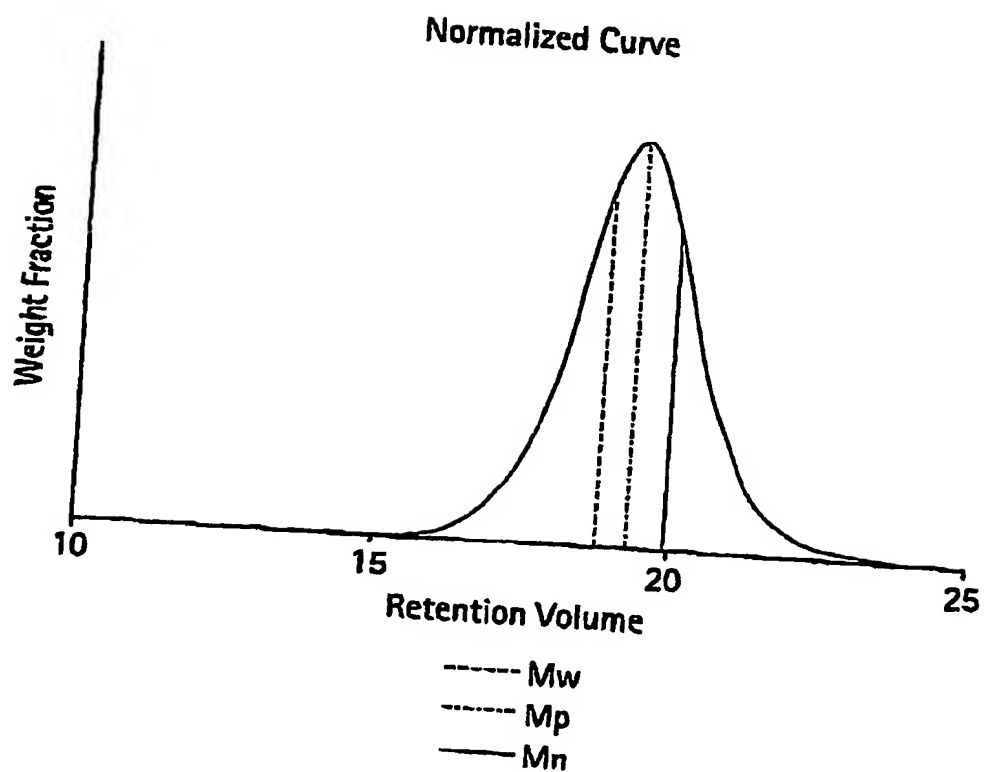


1/15

FIG. 1

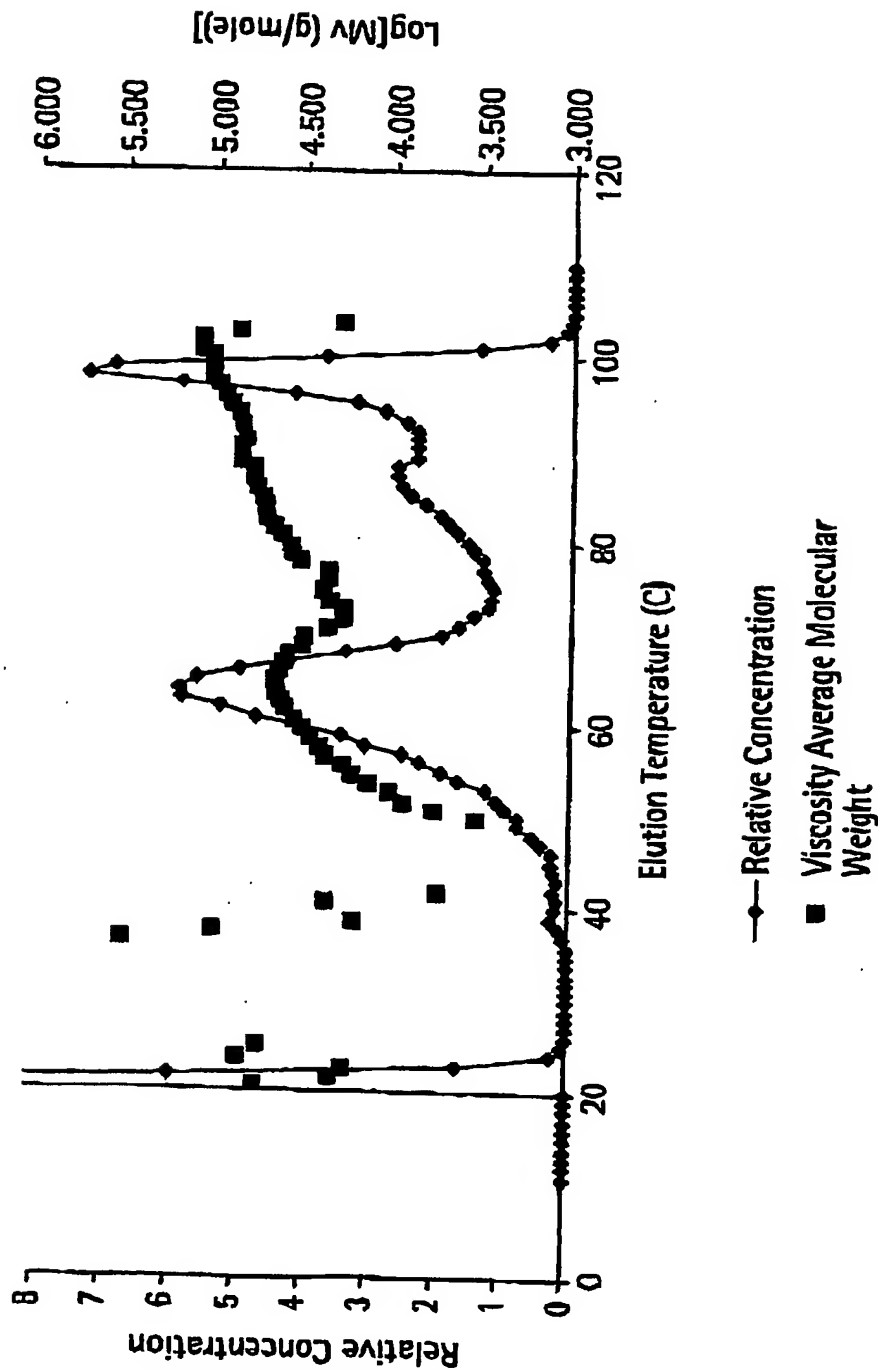


BEST AVAILABLE COPY

2/15

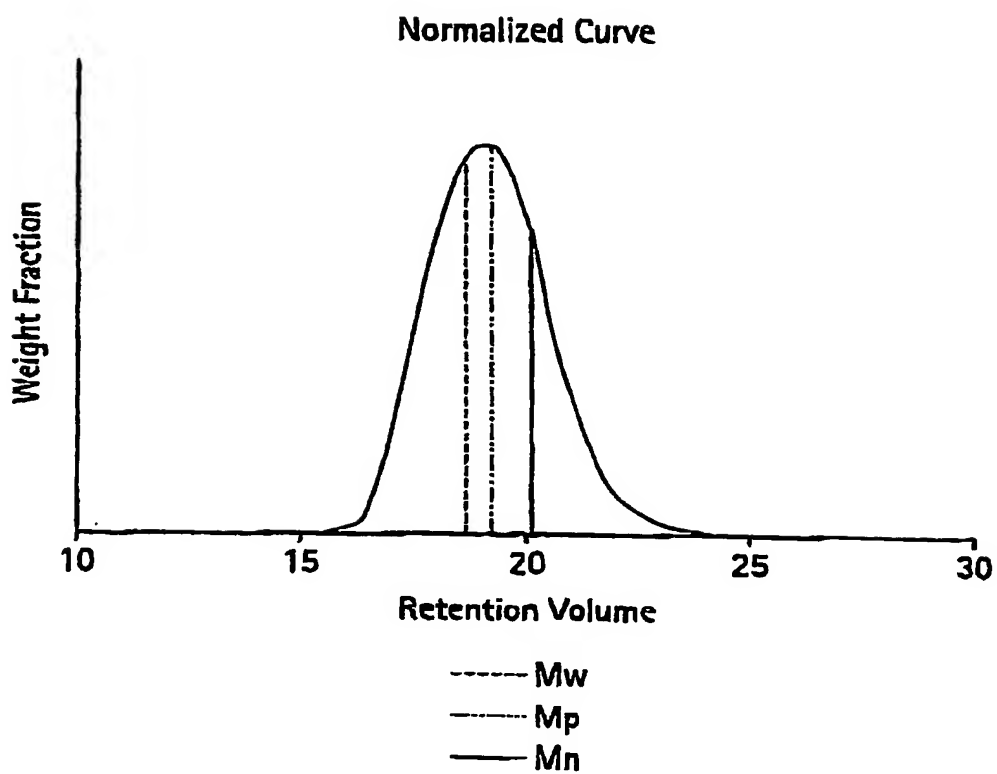
FIG. 2

ATREF-DV
Example 1



3/15

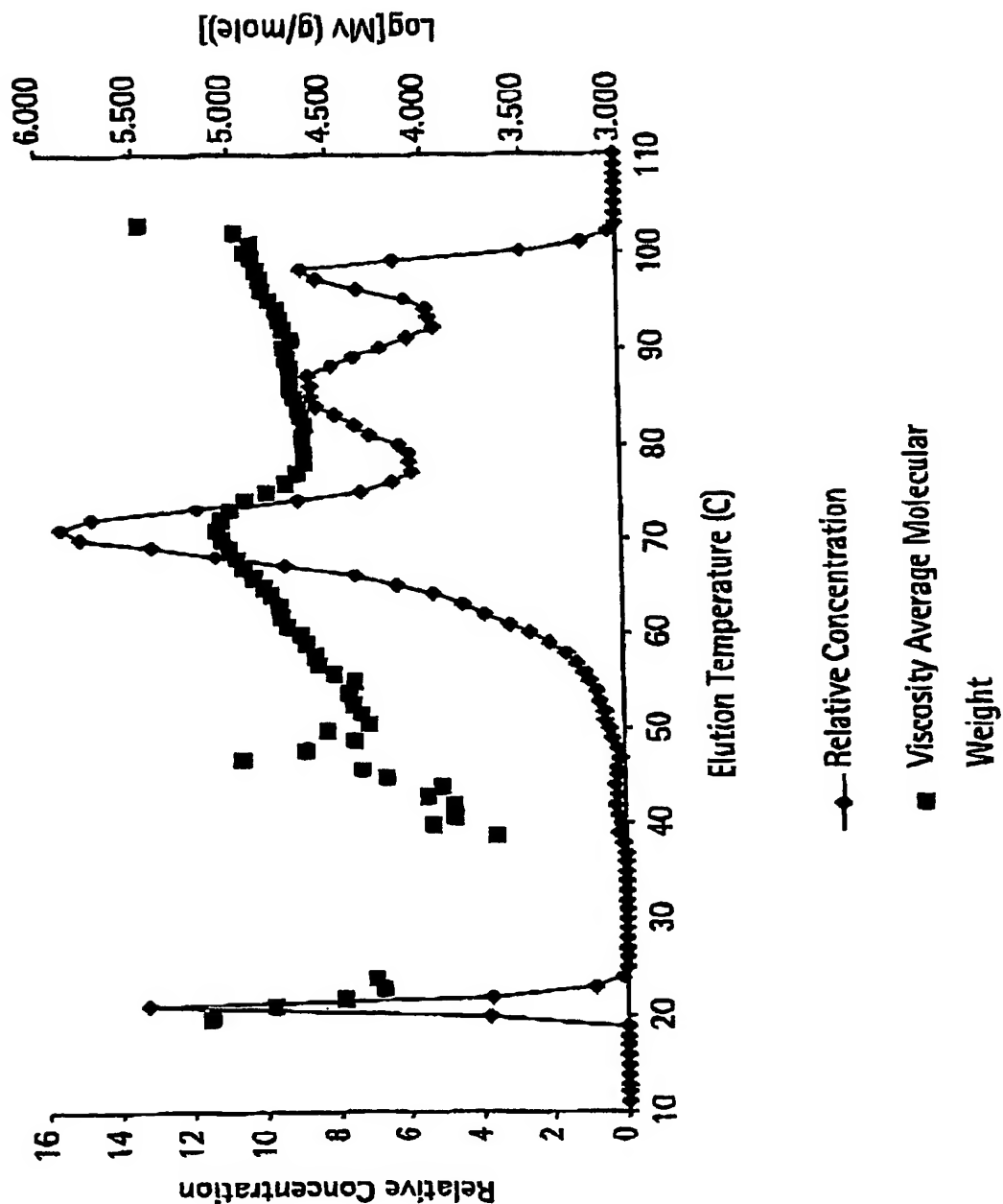
FIG. 3



BEST AVAILABLE COPY

4/15

FIG. 4
ATREF-DV
Comparative Example 2

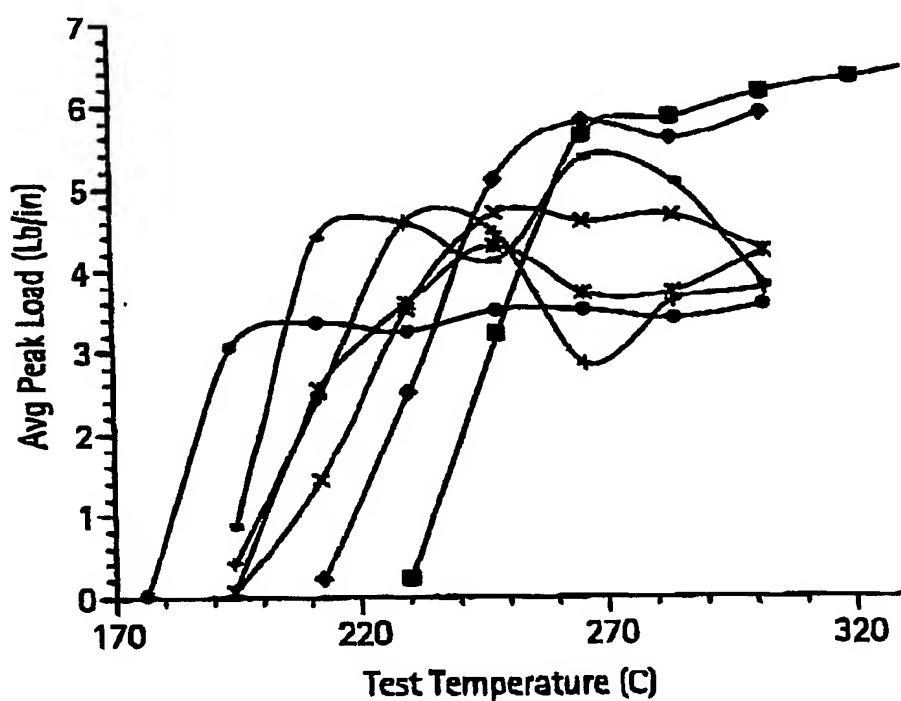


5/15

FIG. 5

Heat Seal

0.5 mil Polymer A/1.0 mil 75% Polymer A + 25% Polymer C/1.0 mil Sealant



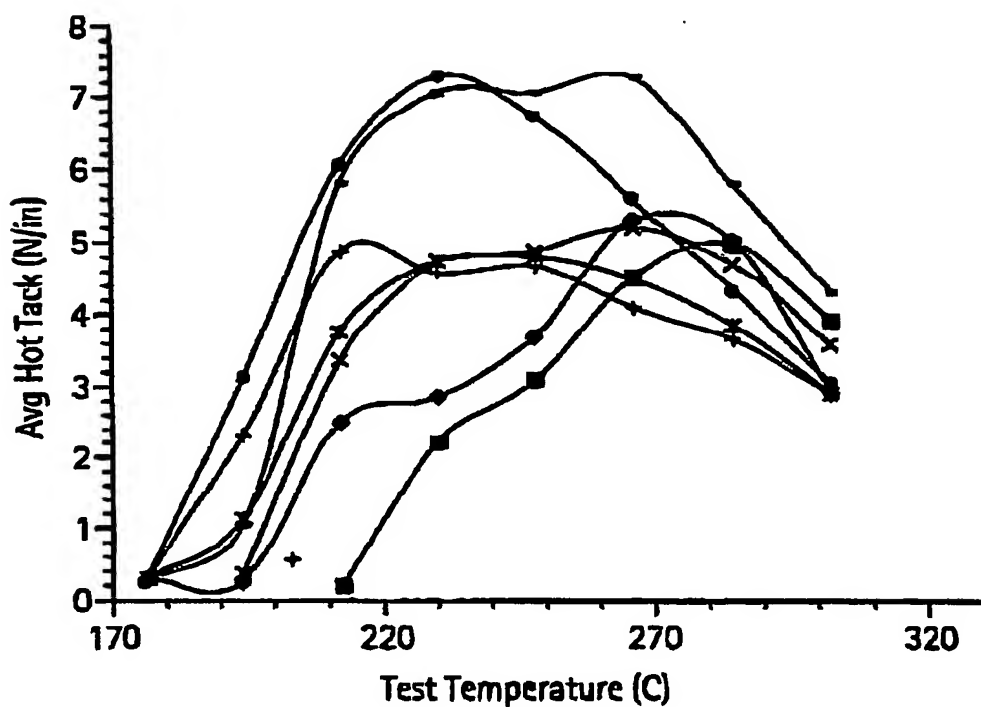
- ◆ Comparative Example 2
- Polymer A
- × 47% Polymer E + 53% Polymer D
- ✱ 57% Polymer F + 43% Polymer D
- Polymer E
- + Example 1
- EXCEED 1012CA

6/15

FIG. 6

Hot Tack

0.5 mil Polymer A/1.0 mil 75% Polymer A + 25% Polymer C/1.0 mil Sealant

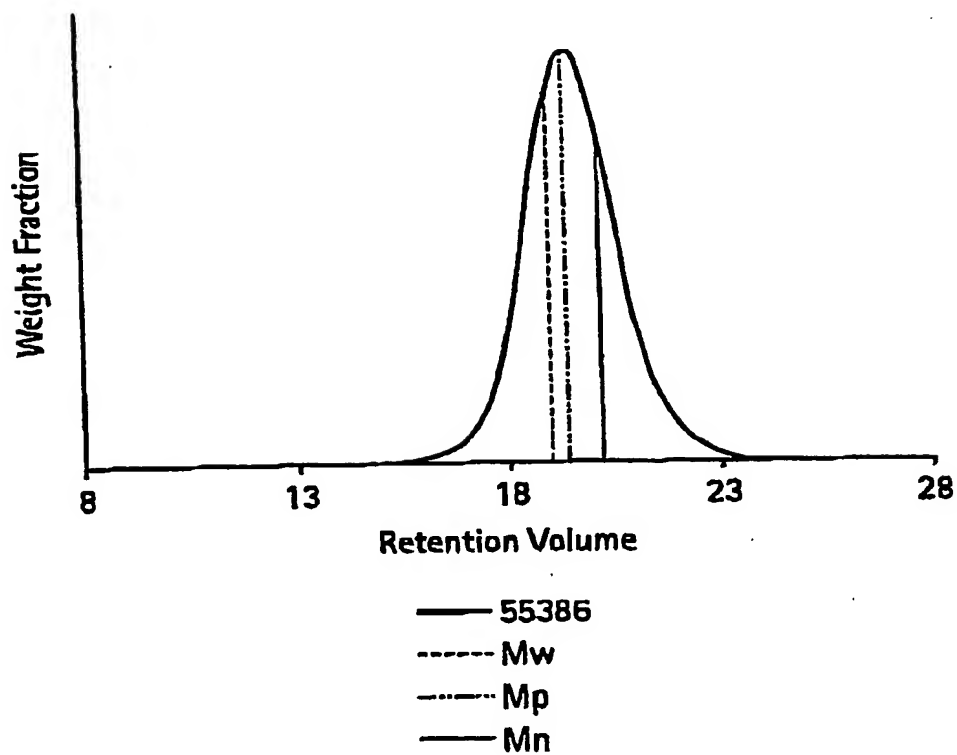


- ◆ Comparative Example 2
- Polymer A
- × 47% Polymer E + 53% Polymer D
- ✱ 57% Polymer F + 43% Polymer D
- Polymer E
- + Example 1
- EXCEED 1012CA

7/15

FIG. 7

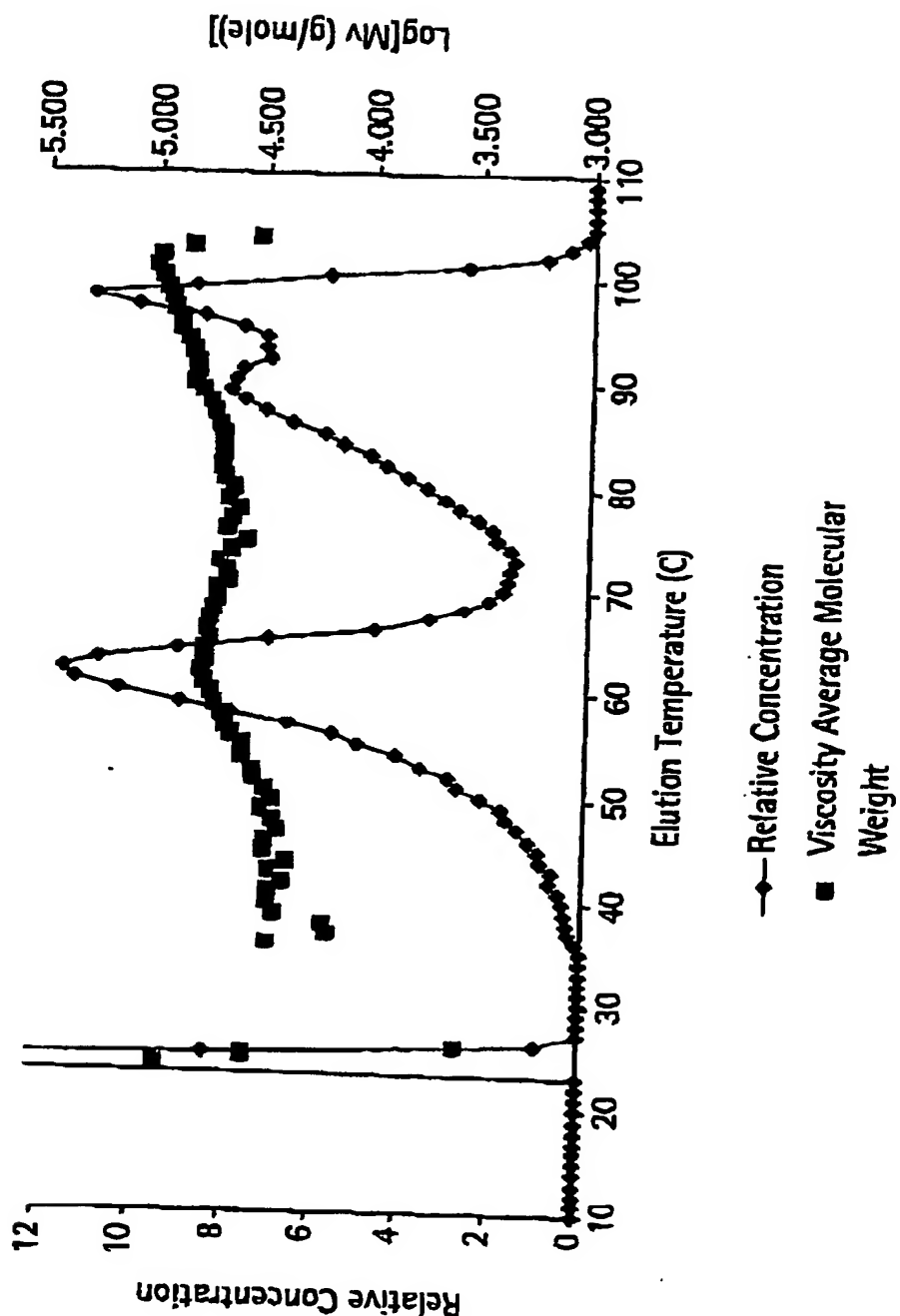
Normalized Curve



8/15

FIG. 8

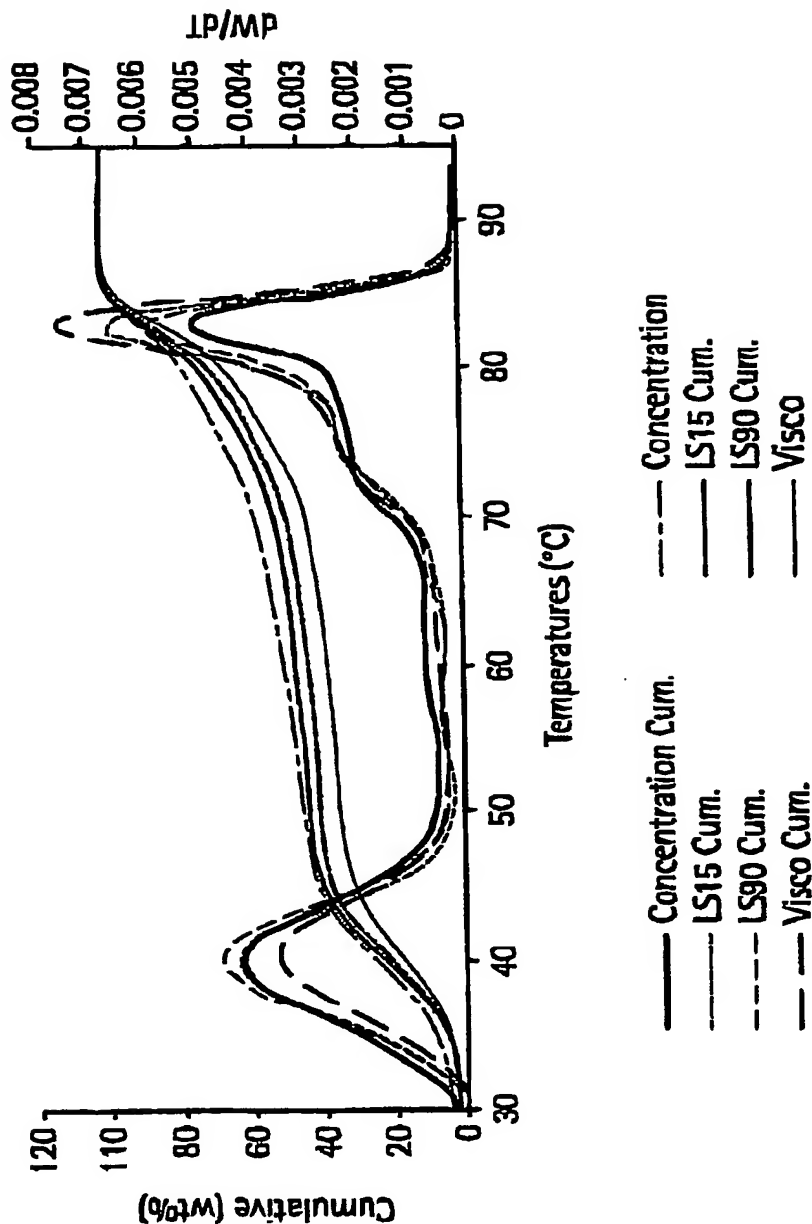
ATREF-DV
Example 2



9/15

FIG. 9A

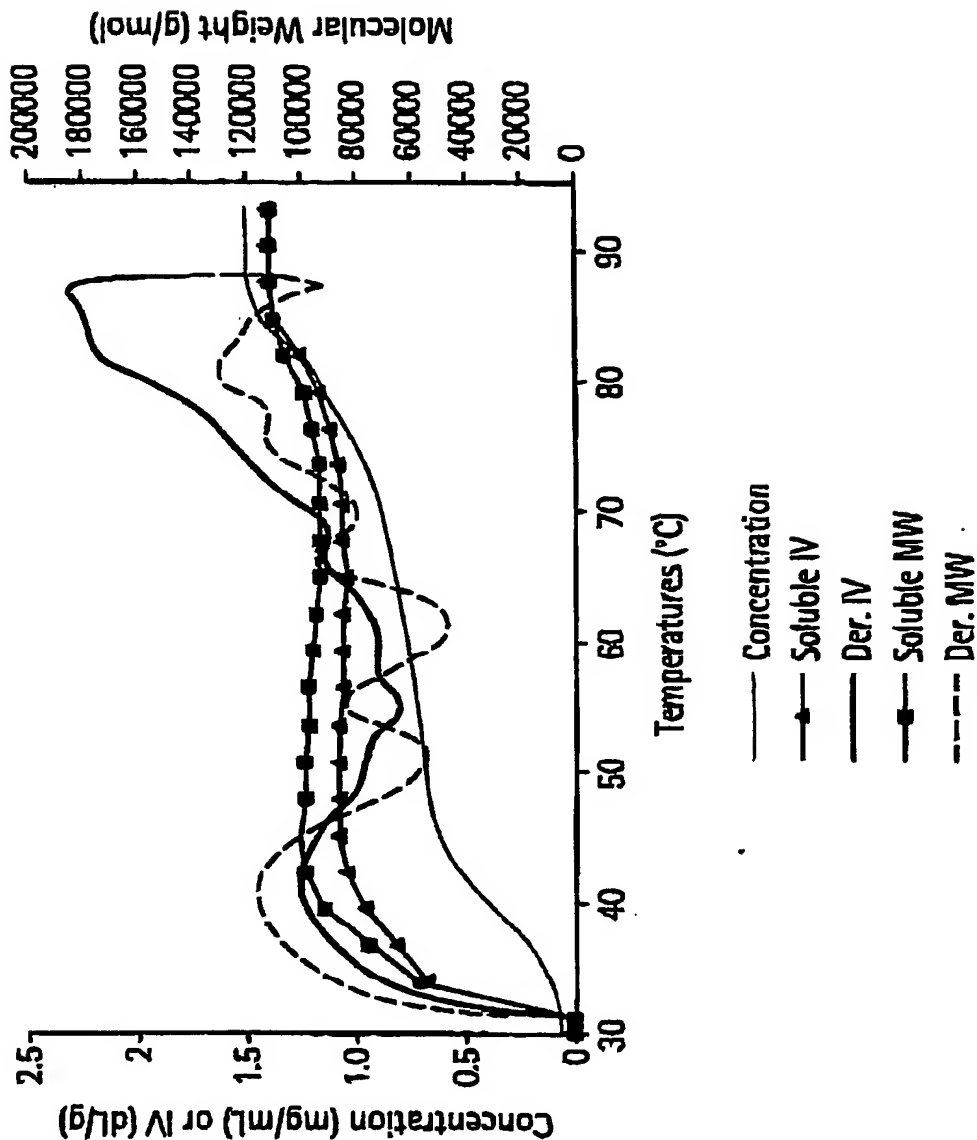
CRYSTAFIS-Multidetector Profile



10/15

FIG. 9B

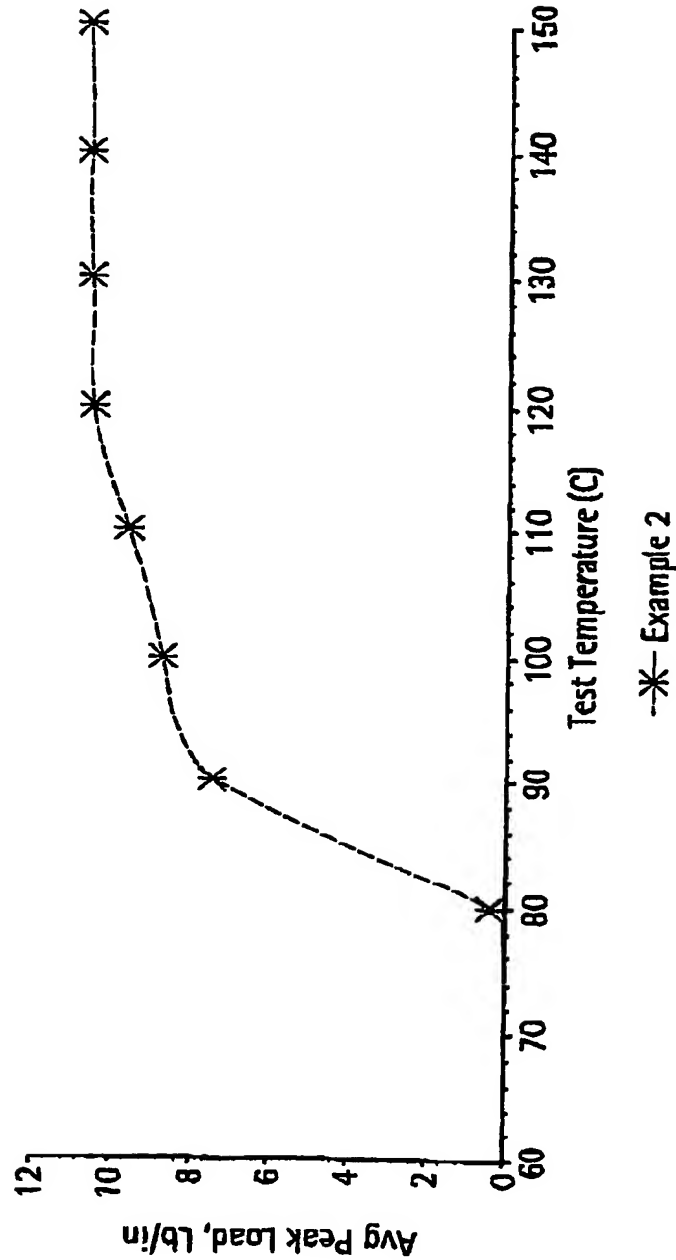
CRYSTAFAS-Measured and Estimated MW/IV



11/15

FIG. 10

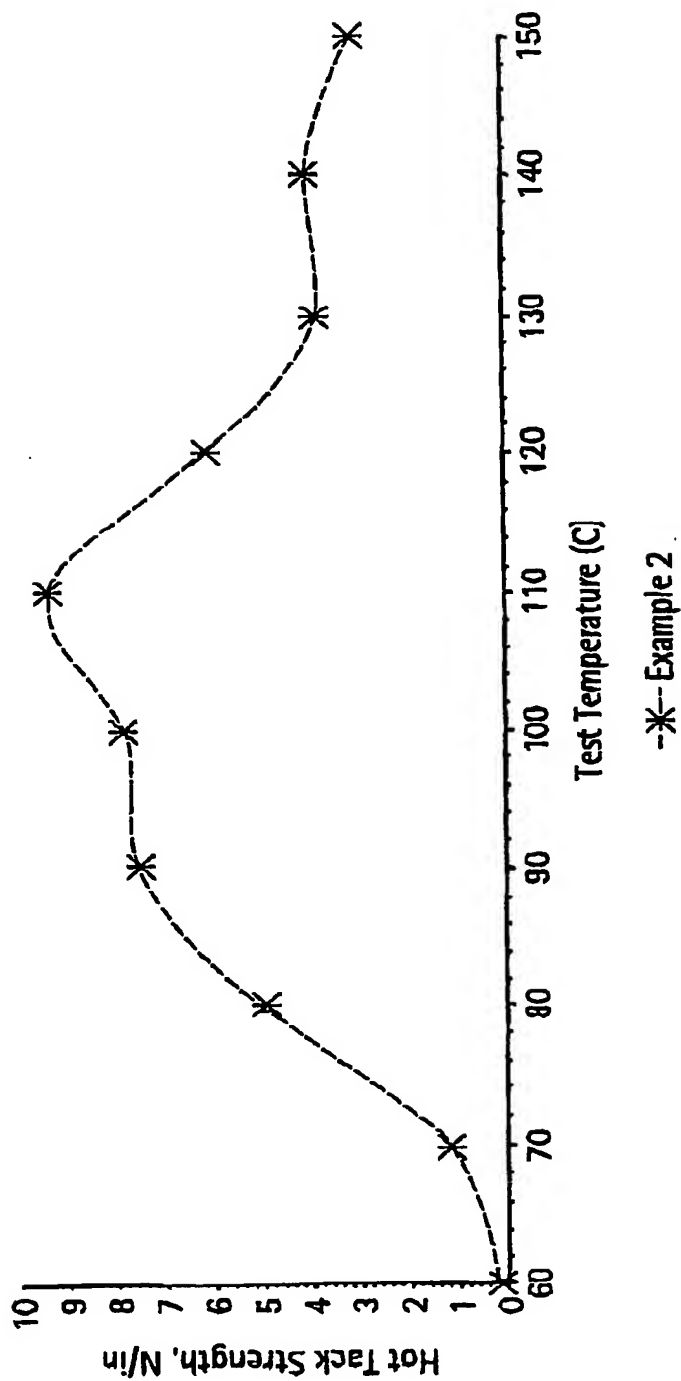
Heat Seal Strength
1.0 mil Polymer G / 1.0 mil Polymer H / 1.5 mil Sealant



12/15

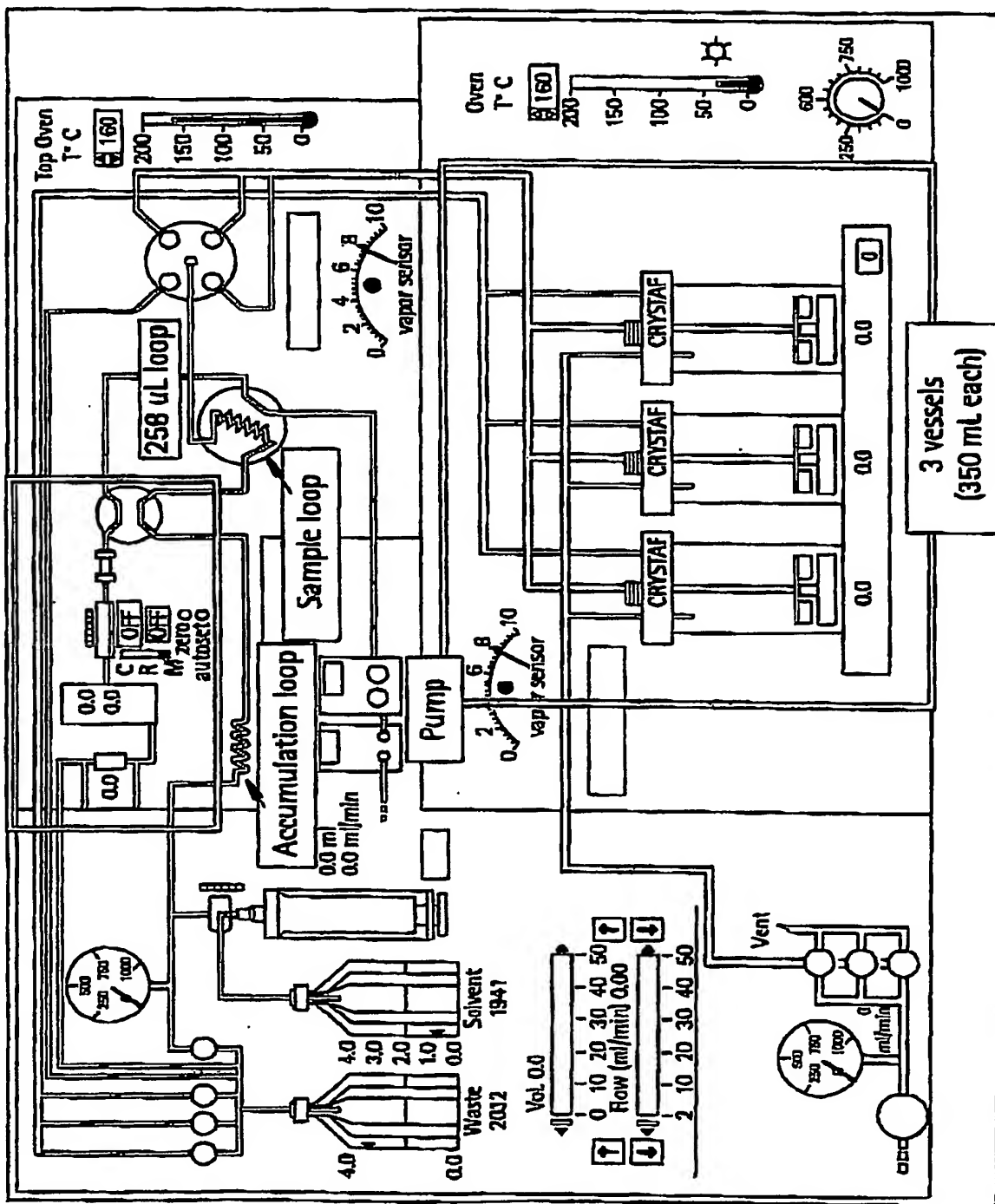
FIG. 11

Hot Tack Strength
1.0 mil Polymer G / 1.0 mil Polymer H / 1.5 mil Sealant



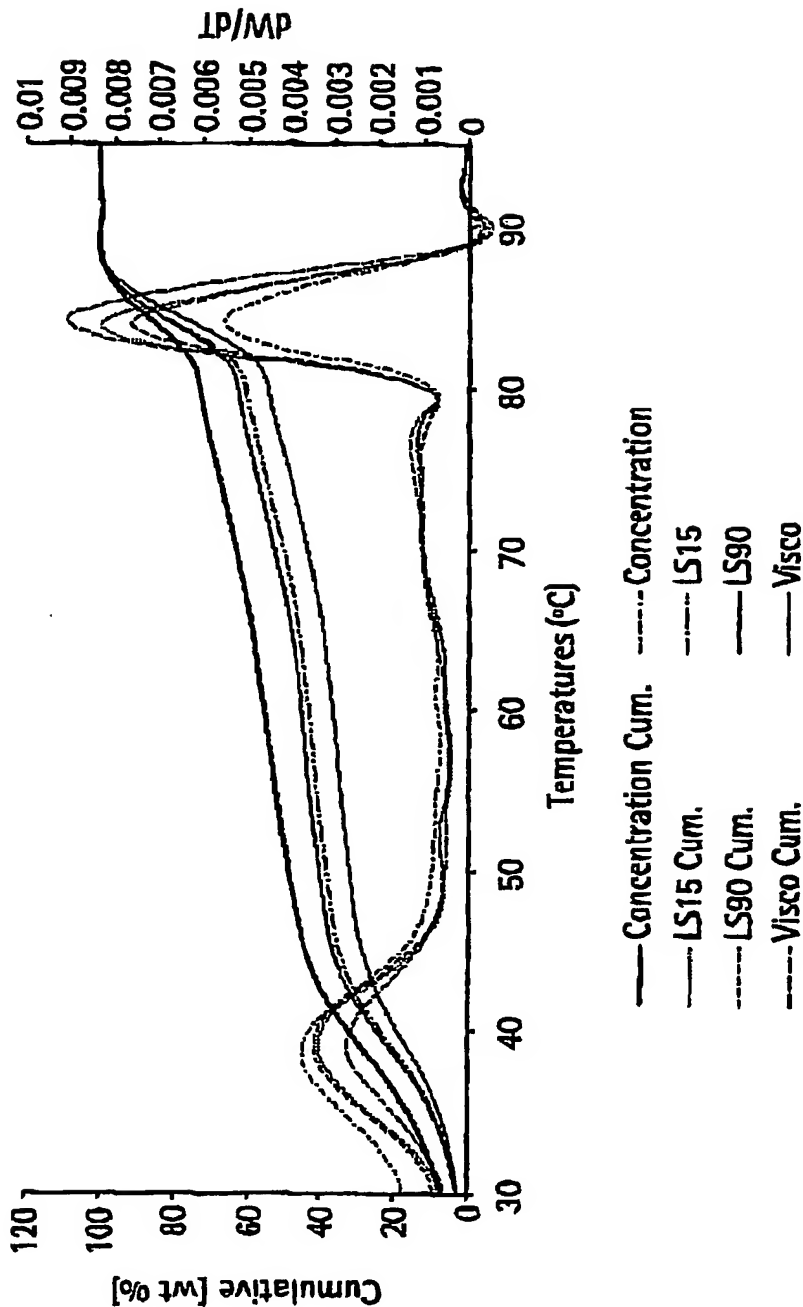
13/15

FIG. 12



14/15

FIG. 13



15/15

FIG. 14

